

Figure 1

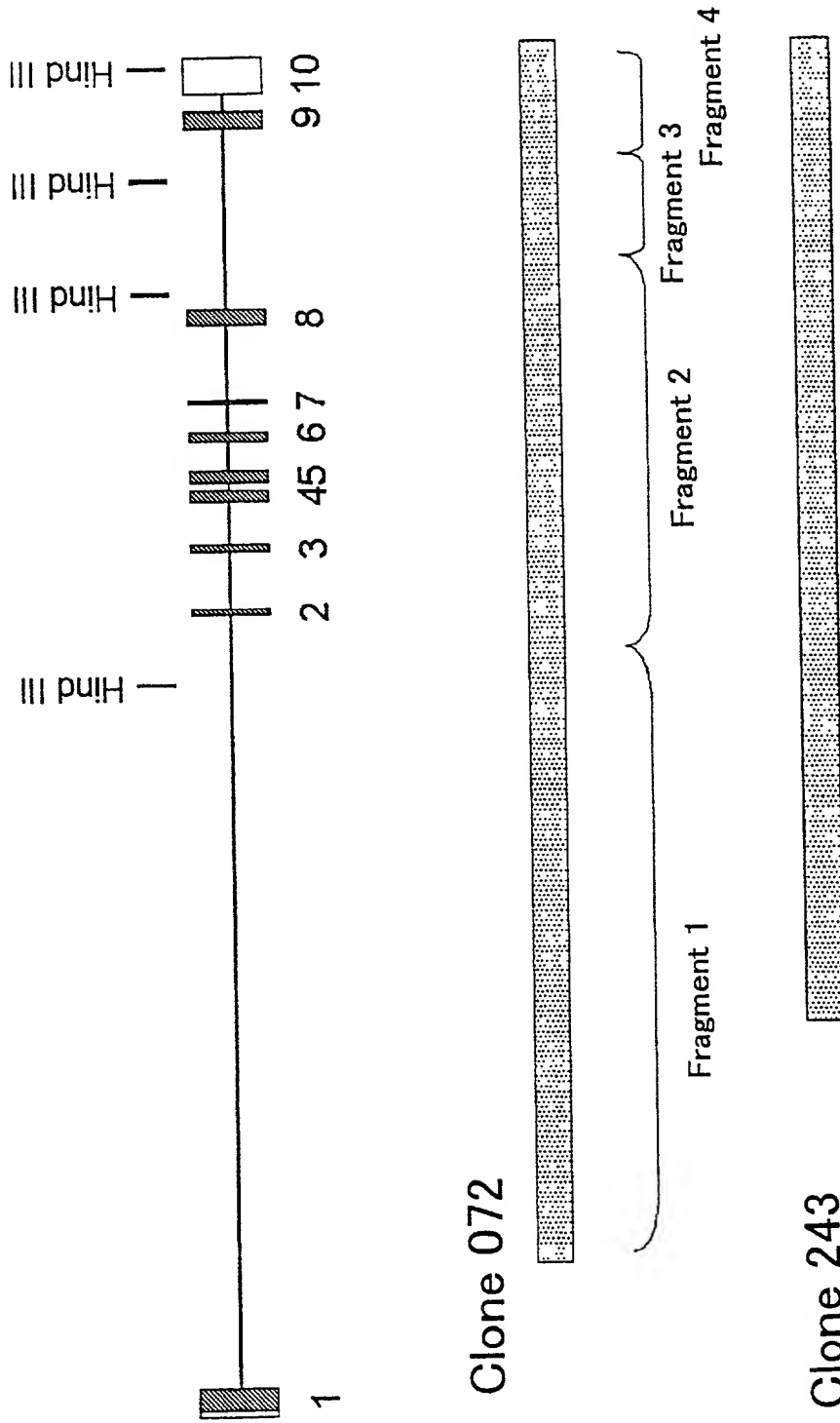


Figure 2

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Figure 4

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Figure 5

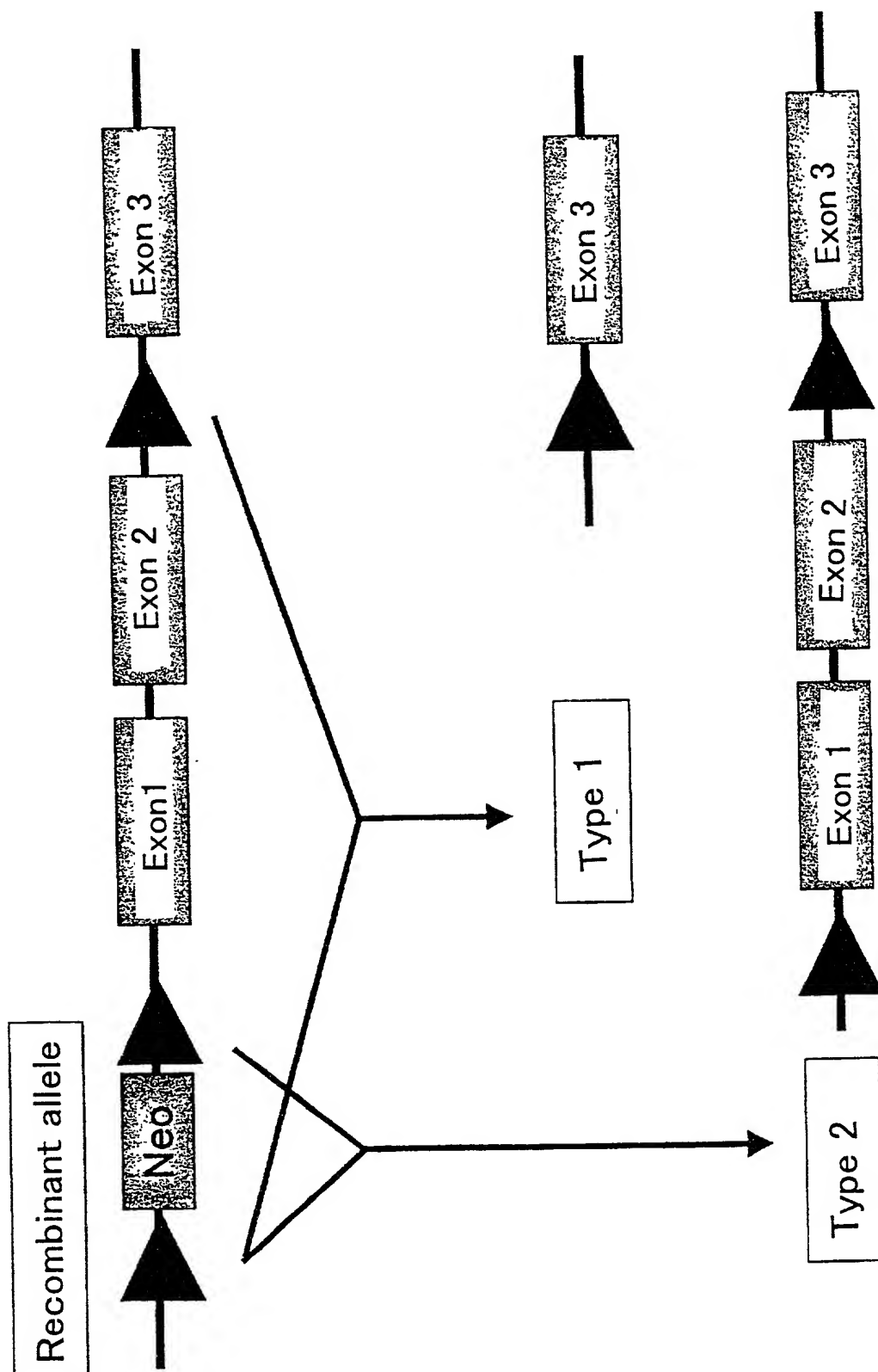


Figure 6

F23 synthetic linker

5' tgcgacacatcgataccgctcgagtcg 3'
3' acgtacgctgtgtagctatggcgagctcagcttaa 5'
AvaIII ClaI XhoI EcoRI

loxP2 synthetic linker

SpeI HindIII loxP -> EcoRI BamHI loxP -> HindIII XhoI
5' ctatcgaagcttccatnaattcgatagcaatcattatagcgaagttatcganttcgacctggatccataacttcgtatagcatatcattatagcgaagttatcgaagcttccg 3'
3' agttcgaagttatggaagcatatcgatgtgtaatatgcttcaatagcttaagctggaccctaggaatttggaagcatatcgatgtgtaatatgcttcaatagcttccgaaggaagct 5'

Figure 7

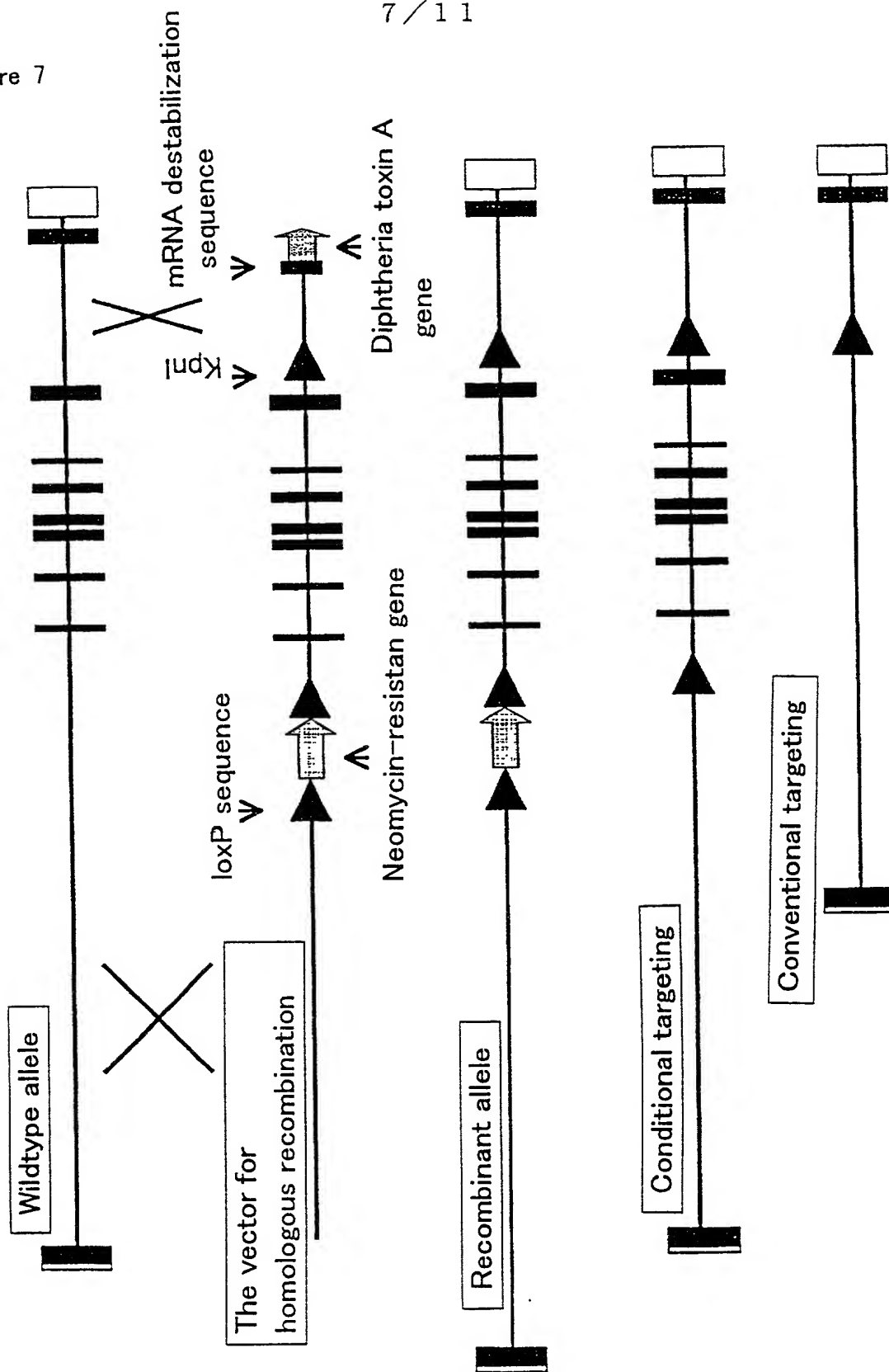
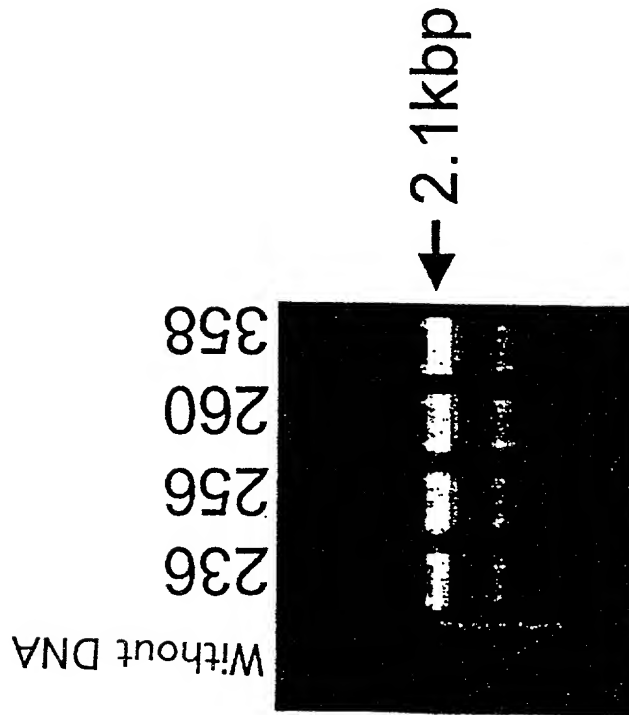


Figure 8

PCR analysis



Southern blotting analysis

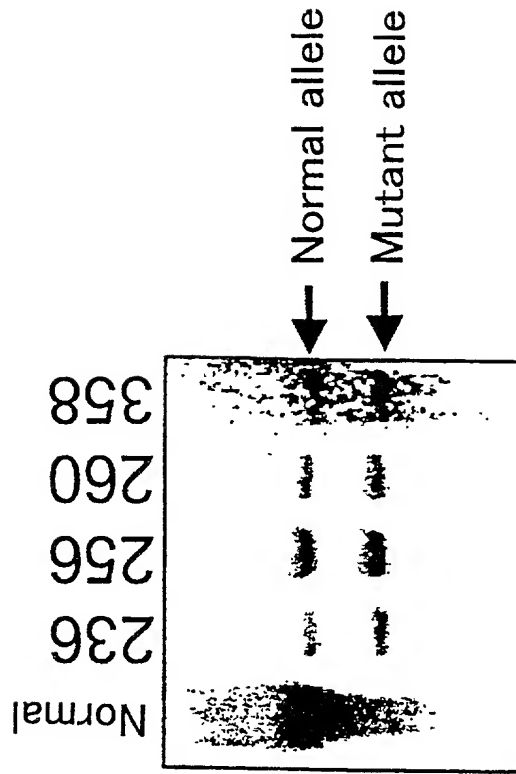


Figure 9

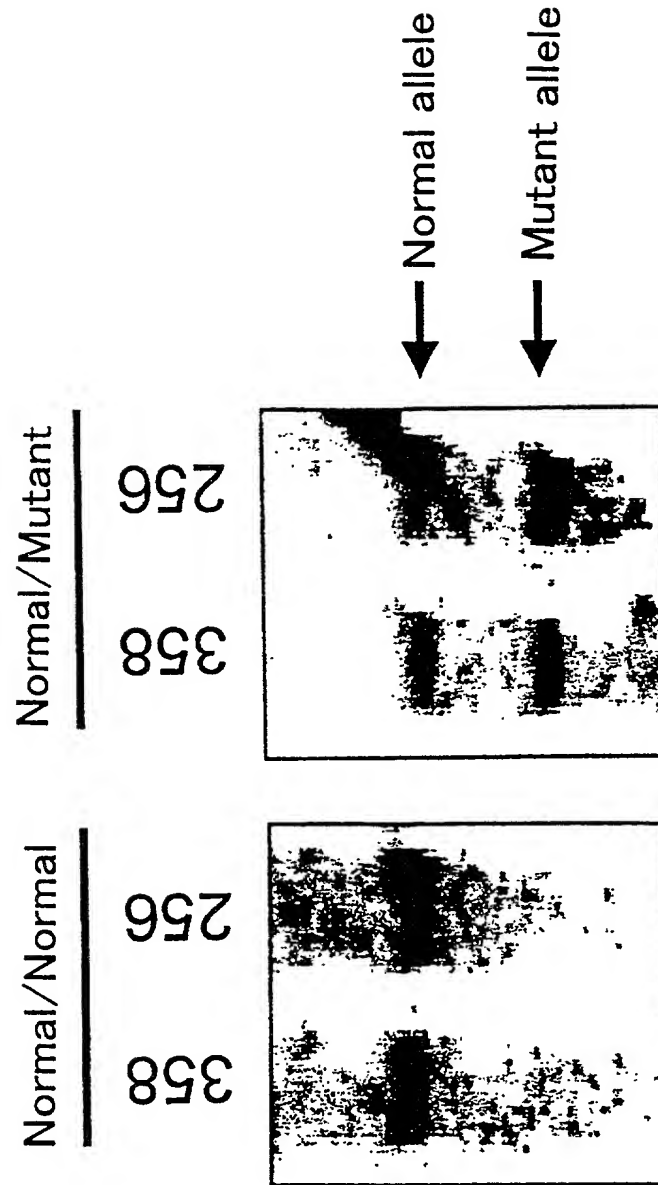


Figure 10

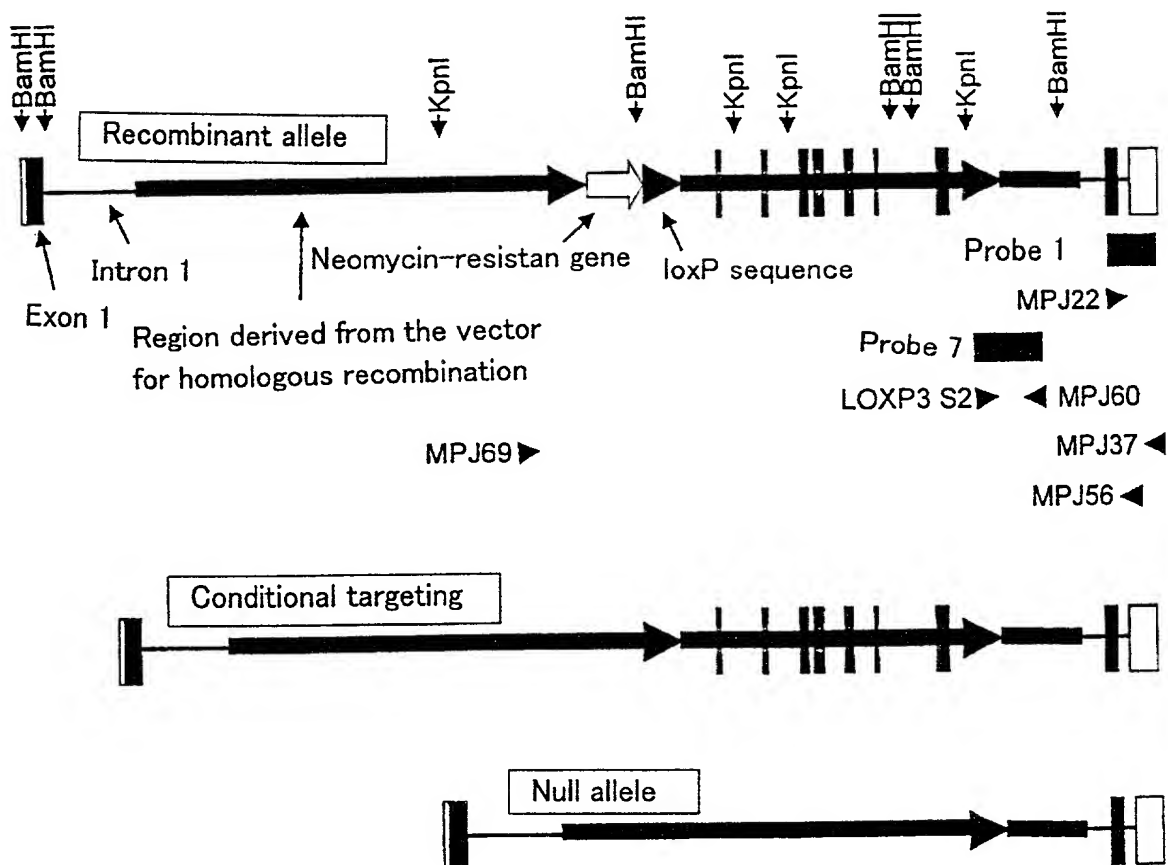


Figure 11

